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Serial # 09/773870 Priority Date		
DESCRIBE the scope of your request, such as the area of art, novelty, process or method if applicable. Specify the concepts, synonyms, keywords, acronyms, or definitions and the relationship of the concepts to each other. Please attach a copy of the backgound, abstract, and pertinent claims of the application. ONLY specifying CLAIM 1 is not enough.		
Lit	sation	
	5867139	
STIC Searcher Date picked up 350 Date com	Phone 2-4235 ppleted 3507	





Day: Monday Date: 3/5/2007 Time: 12:56:46

Continuity Information for 09/773870

Parent Data

09773870

is a reissue of <u>08835207</u>

Child Data	
No Child Data	

Applin Info Contents Petition Info Atty/Agent Info Continuity/Reexam	≱ Foreign Data.
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1/1 PLUSPAT - @QUESTEL-ORBIT - image

PN - 🖪 US5867139 A 19990202 [US5867139]

TI - (A) Liquid crystal display device and method of driving the same

PA - (A) SHARP KK (JP)

PA0 - Sharp Kabushiki Kaisha, Osaka [JP]

IN - (A) TANAKA SHINYA (JP); SHIMADA TAKAYUKI (JP); OCHI TAKASHI

(JP); KANEMORI YUZURU (JP); KATAYAMA MIKIO (JP)

AP - US83520797 19970407 [1997US-0835207]

PR - JP10007396 19960422 [1996JP-0100073]

IC - (A) G09G-003/36

ICAA - G09G-003/36 [2006-01 A - I R M EP]

ICCA - G09G-003/36 [2006 C - I R M EP]

EC - G09G-003/36C8

PCL - ORIGINAL (O): 345092000; CROSS-REFERENCE (X): 345093000

DT - Basic

CT - US4740782; US5373377; US5641974; US5682211; JP1-197722

STG - (A) United States patent

AB A liquid crystal display device is formed by arranging a plurality of scanning lines 31, 32, ... to which scanning signals are successively applied and a plurality of signal lines 41, 42, ... to which data signals are successively applied to intersect at right angles. Mounted in the vicinity of each of the intersections of the scanning lines 31, 32, ... and signal lines 41, 42, ... are a TFT 5 electrically connected to both of the lines, and a pixel electrode 6 connected to the TFT 5. A common electrode is placed to face the pixel electrode 6 with liquid crystals 2 therebetween. One of electrodes of a pixel capacitance formed by the pixel electrode 6 is connected to a common line 9 for supplying a common signal to the common electrode 7. A dummy scanning line 30 for forming a capacitance is arranged outside of the scanning line 31 located at the outermost position on a scanning start side of scanning signal. In this structure, since an equal parasitic capacitance is generated in the pixels irrespectively of their positions, it is possible to eliminate defects, such as deterioration of display quality due to an appearance of a bright line in particular pixels.

1/1 LGST - ©EPO

PN - 🔁 US5867139 A 19990202 [US5867139]

AP - US83520797 19970407 [1997US-0835207]

ACT -

19970407 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: SHARP KABUSHIKI KAISHA 22-22 NAGAIKE-CHO, ABENO-

KU; EFFECTIVE DATE: 19970328

19970407 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST.

OWNER: TANAKA, SHINYA; EFFECTIVE DATE: 19970328

19970407 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: OCHI, TAKASHI; EFFECTIVE DATE: 19970328

19970407 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: KATAYAMA, MIKIO; EFFECTIVE DATE: 19970328

19970407 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: SHIMADA, TAKAYUKI; EFFECTIVE DATE: 19970328

19970407 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: KANEMORI,; EFFECTIVE DATE: 19970328

UP - 2003-22

Search statement 2

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

LEXIS-NEXIS

File:

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ALL

5867139

February 2, 1999

Liquid crystal display device and method of driving the same

APPL-NO: 835207 (08)

FILED-DATE: April 7, 1997

GRANTED-DATE: February 2, 1999

CORE TERMS: sub, scanning, pixel, scanning line, electrode, capacitance, dummy,

display, parasitic, input ...

5,867,139 OR 5867139

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